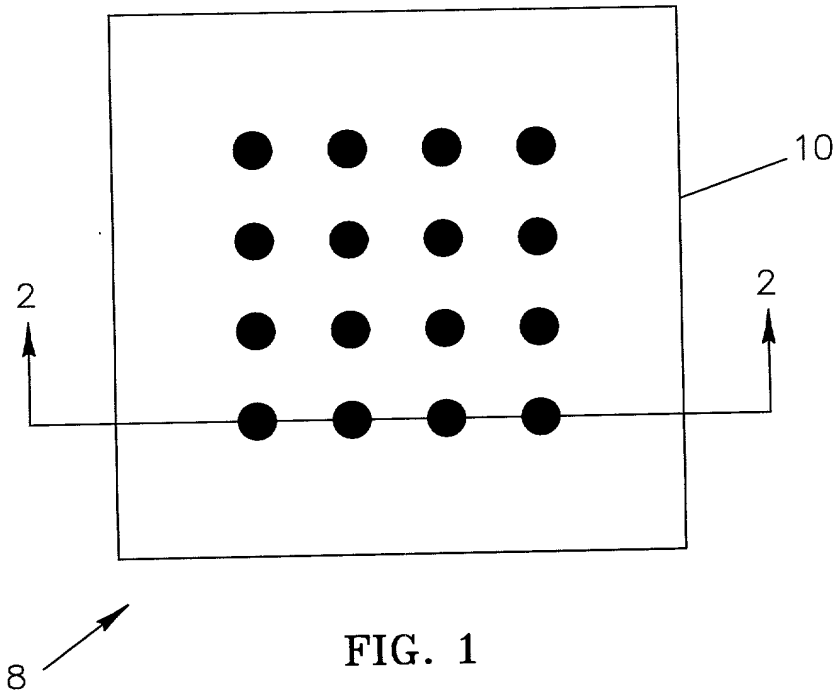



FIG. 1

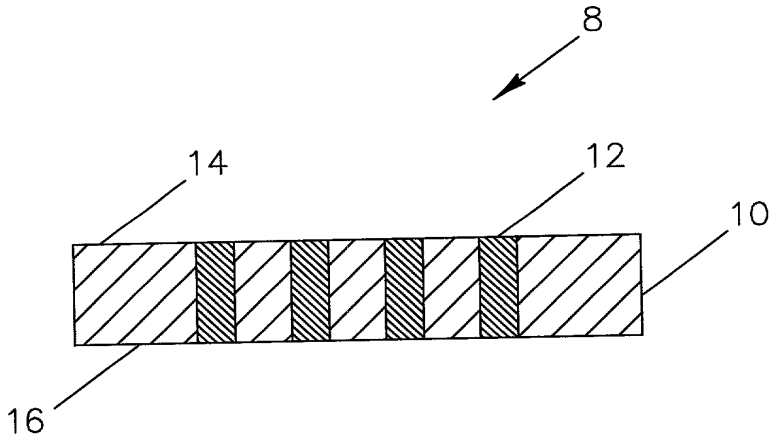



FIG. 2

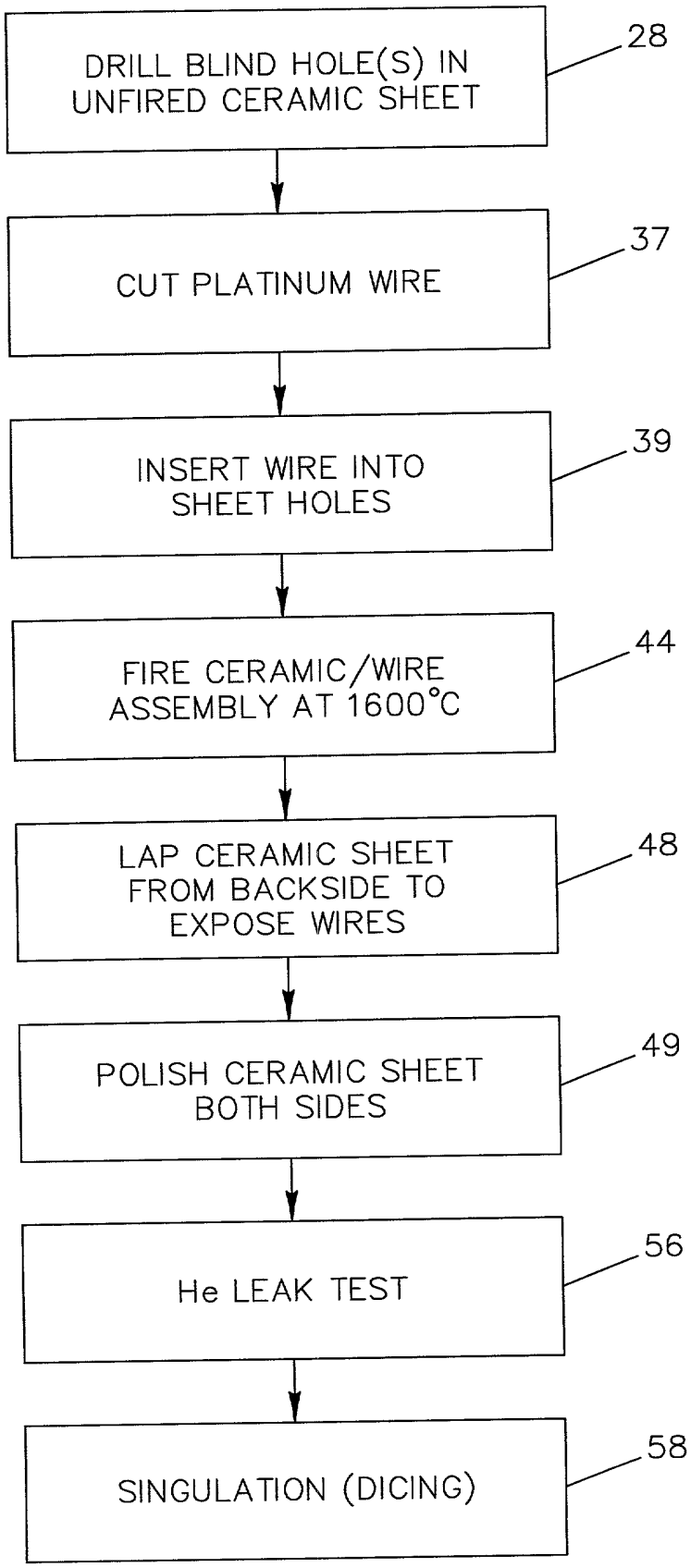

DRILL BLIND HOLE(S) IN UNFIRED CERAMIC SHEET
28
CUT PLATINUM WIRE
37
INSERT WIRE INTO SHEET HOLES
39
FIRE CERAMIC/WIRE ASSEMBLY AT 1600°C
44
LAP CERAMIC SHEET FROM BACKSIDE TO EXPOSE WIRES
48
POLISH CERAMIC SHEET BOTH SIDES
49
He LEAK TEST
56
SINGULATION (DICING)
58

FIG. 3

FIG. 4A

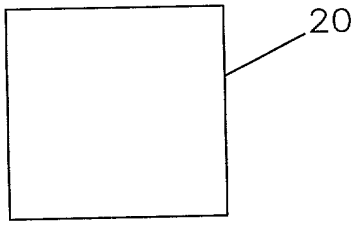



FIG. 4B1

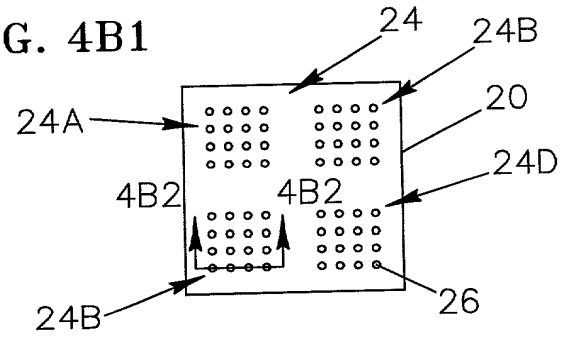



FIG. 4B2

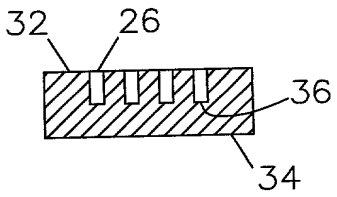



FIG. 4C1

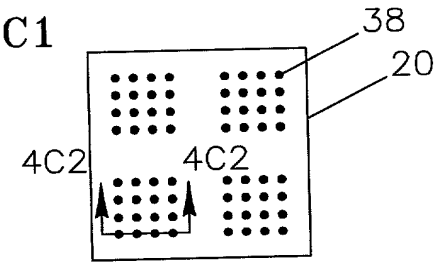



FIG. 4C2

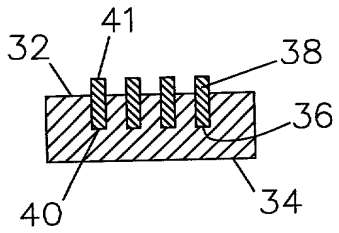



FIG. 4D1

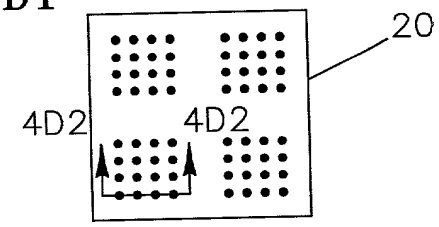



FIG. 4D2

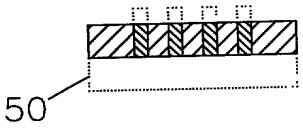
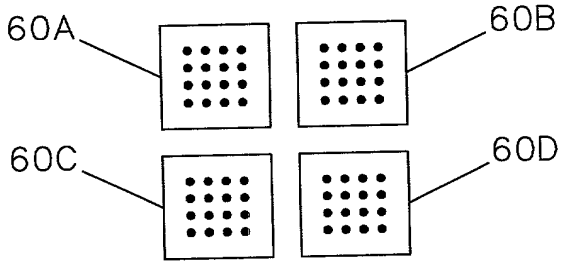



FIG. 4E



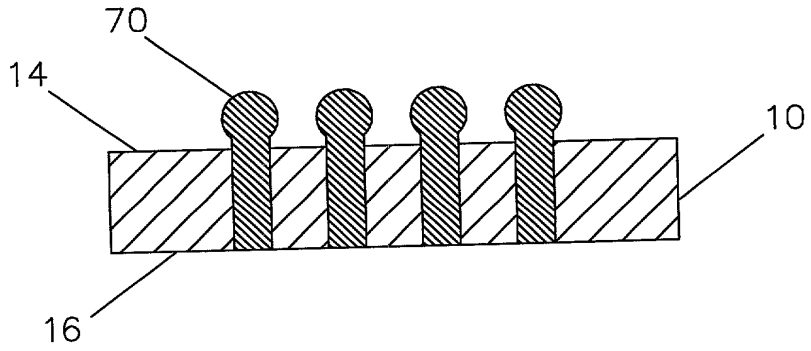



FIG. 5